

Harvesting the Cowpeas

To Thresh this Crop a Pea or Bean Huller Should Be Used—Nine Bushels Is Average Yield Per Acre

By M. T. Miller, Professor of Agronomy, College of Agriculture, University of Missouri

Cowpeas for hay or seed should be cut with a mower, and if the weather is favorable, they may be cured in the swath. This method is not usually satisfactory, however, as the leaves break off in raking up, especially if one or two rains fall while curing. When cured in this way a hay tedder can be used with much help in hastening the curing.

A better way of curing in average seasons is to cut them, and when well

some of the smaller seeded varieties. Such a thrasher may be modified, however, so as to give fair satisfaction, by taking out a part of the concave teeth and by using a large pulley on the cylinder, so as to reduce its speed, while the rest of the machine is geared up to run at about the usual rate.

These are only makeshift methods, however, and a pea huller should be used if available. In this connection



Cowpeas are being recognized more and more as one of our best short season and catch crops.

wilted, rake into light windrows to cure. A side delivery rake can be used to great advantage in turning these windrows if the peas are not too viney. They may also be placed in rather tall, narrow shocks after they are partially cured and allowed to finish curing in the shock.

Peas planted in rows usually fall down badly and are much more difficult to cut than when drilled. If they have been cultivated, the ridges of soft dirt interfere somewhat. There is on the market a device consisting of long fingers, which are placed on the mower to lift the peas and allow the cutter bar to run under them.

Threshing Cowpeas. Cowpeas can be threshed with perfect success only with a pea or bean huller. A wheat thrasher may be used, but it cracks the peas so badly as to make it impractical except for

it should be said that the introduction of cowpea hullers should be encouraged in all parts of the state where peas are grown. There are one or two companies putting out small, pea hullers, which can be run with a two and one-half to five-horse power gas engine where farmers are interested in hulling their own peas.

The average yield of peas is around nine or ten bushels per acre. They may run as low as five bushels, or in exceptional cases, as high as twenty-five bushels.

The planting of peas with corn for hogging down is one of the cheapest methods of making pork, and is coming into wider use every year. Sheep are also pastured on cowpeas and corn sown together in this way. The sheep will clean up the peas and the blades of corn to the ears without seriously damaging the corn otherwise.

EGG PRESERVING METHOD

WATER GLASS KEEPS EGGS IN BEST CONDITION; IS CHEAP.

By C. E. Brashear, of the College of Agriculture, University of Missouri.

At the present time eggs are largely packed in lime, salt and other products, or are put in cold storage for winter use. But such eggs are very far from being perfect when they come upon the market. According to results of experiment stations, water glass more closely conforms to the requirements of a good preservative than any of the substances commonly employed.

It was found in these experiments that a 10 per cent solution of water glass preserves eggs so effectively that at the end of three and one-half months eggs that were preserved the first part of August still appeared to be perfectly fresh. In most packed eggs, after a little time, the yolk settles to one side, and the egg is then inferior in quality. In the eggs preserved for three and one-half months in water glass the yolk retained its normal position in the egg, and in taste they were not to be distinguished from fresh, unpacked, store eggs.

Again, most packed eggs will not beat up well for cake-making or for frosting. The eggs preserved with water glass seemed quite equal to the average fresh eggs of the market.

Of twenty methods of preserving eggs tested in Germany, the three which proved most effective were (1) coating the eggs with vaseline, (2) preserving them in lime water, and (3) preserving them in water glass. The conclusion was reached that the latter was preferable, because varnishing the eggs with vaseline takes considerable time, and treating them with lime water is liable to give the eggs a disagreeable odor and taste.

Outspoken Intelligence. A letter addressed "To my dear God in Heaven," written in a child's handwriting, was recently posted in a Russian townlet. As the address was written in German, the Russian post authorities forwarded it to the German frontier postoffice at Tilsit. The postmaster of the latter place returned it to its place of origin with the following superscription: "To be returned. The addressee is in Heaven, with which Germany has no communication."

Eating Fish in Lent Aided Navy. The connection between fish eating during Lent and a strong navy may appear remote, but to Elizabethan statesmen it seemed vital. So much so that a law was passed commanding every one to eat fish on every day of Lent. The reasons set forth for this enactment made no mention of religious observance. It stated the queen needed ships for defense and the fishing industry furnished men at all times in readiness for her majesty's service.

There is, however, one drawback to eggs preserved in a solution of water glass. The shell easily bursts in boiling water. This may be avoided by piercing the blunt end of the egg with a pin.

Directions for Using Water Glass. Use pure water that has been thoroughly boiled and then cooled. To each ten quarts of water add one quart of the commercial, liquid water glass. Pack the eggs in a jar and pour the solution over them, being sure that all are covered.

Keep the eggs in a cool, dark place. A dry, cool cellar is good. If the eggs are kept too warm, the outer coating of the shell may be dissolved off and the eggs will not be properly protected. Do not wash the eggs before packing, for by so doing you injure their keeping qualities.

For packing, use only perfectly fresh eggs, for stale eggs will not be saved, and they may prove harmful to the others.

Cost of Preserving. Water glass is a very cheap product. It can usually be procured at not to exceed 50 cents per gallon. One gallon makes enough solution to preserve 50 dozen eggs, so that the cost of material is only about 1 cent a dozen.

Water glass is really a salt, somewhat similar to our common salt. It is sometimes bought in the powdered form, but more commonly in a solution resembling a thick syrup. If wooden kegs or barrels are to be used in which to pack the eggs, they should first be thoroughly scalded with boiling water, to sweeten and purify them.

Made All the Difference. "Is that man who is running around giving advice a lobbyist?" "Certainly not. He is on Our Side of the argument."—Washington Star.

Deftware Again in Favor. There is said to be a rivalry of Deftware and many old patterns are being revived.

He Wasn't an Angel. During one of the earlier discussions of the United States tariff in the Canadian parliament, an opposition member characterized the attitude of the government on the question as "a sight that would make angels weep and jackasses laugh." The Hon. Frank Oliver, who was then minister of the interior, replied, with his usual deliberate calmness: "I have observed that the honorable gentleman has been one of those who laughed."

Unbelievable. Of course we have all heard many strange tales and unbelievable stories, but did any one ever hear of a woman who kept boarders and had a husband who paid the grocery bills?

Must Learn in Hard School. No man can learn patience except by going out into the busy-busy world, and taking life as it blows.—Henry Ward Beecher.

If nobody loves you, be sure it is your own fault.—Philip Doddridge.

BAGDAD HAS BOOM

Holy Land, After Long Sleep, Is Waking Up.

Yankee Fever of Progress and Construction Has Broken Out in Palestine and Swept East to Ancient Chaldea.

London.—The Holy Land is waking up. A "boom"—a regular Yankee fever of progress and construction—has broken out in Palestine and swept east to ancient Chaldea, where even the old Garden of Eden is being irrigated and put back on the map and the market.

Outside the crumbling walls of Nineveh, Yankee mowing machines are humming in wheat fields that cover the bones of kings. Down on the big Euphrates irrigation dam cube concrete mixers from Chicago are busily digesting old bricks, taken from the walls of Nebuchadnezzar's palace at ruined Babylon. Aleppo, so long a "sleepy, old-world Syrian town," is planning a \$5,000,000 union depot, and low-speed Jerusalem donkeys are now dodging the noisy motorcycles of nervous tourists—doing Palestine "on the high."

In the date gardens around Bagdad, where for 2,000 years the Arab farmer was content with his rude "cherid" (an ox-power goatskin and windlass device for lifting irrigating water), over 400 English gas engines now puff away, pumping water from the ancient Tigris. On this same historic stream motor boats from Racine sputter about among high-pooped Aram "saunas" and "bungalows"—still built just as in Sinbad's golden age. In the dark, narrow, camel-smelling bazaar streets of Bagdad I saw Yankee sewing machines, dollar watches, safety razors and American patent medicines, offered for sale beside costly Persian rugs, bronzes, sticky native candy, and prayer-bricks made from the holy dirt of



Ancient Well Near Bagdad.

Moslem graveyards. By one cable order a Bagdad importer bought fifty American rasps, for use in Assyrian wheat fields.

From this region—made famous by New Testament history—the stagnation of centuries is passing, and travel writers can no longer dub it "changeless and inert."

It's a railroad—the same magic power that built up our vast west—that's rousing this long-dormant region of the middle east. It's a great railroad, too, greater far in possibilities than even the famous Russian road across Siberia. The "Bagdad railway," this singularly significant road is called, and already it is half-completed. When finished it will stretch 1,870 miles—from Scutari to Basra on the Persian gulf, the old "Balsora" of the Sindh sailor's tales. From the Mediterranean to the Euphrates, now spanned by a temporary bridge, the line is in operation, and on three sections under construction 72,000 men are steadily at work. From the Euphrates, the route pushes east to Mosul on the site of old Nineveh—thence down the classic Tigris to Bagdad and Basra.

FINDS POISON IN FLOWERS

Bouquet Carried to Sick Friend Affects Clergyman, Causing Swelling of Nose.

Wilmington, Del.—Poison in a bouquet of flowers is believed to have caused a painful swelling in the face of Dr. W. L. S. Murray, one of the veteran clergymen of the Methodist Episcopal church, now stationed at Epworth church in this city. While carrying the flowers to a sick friend, Dr. Murray inhaled their perfume.

The bouquet evidently contained a poison of some sort, because shortly after there was a noticeable swelling in the clergyman's nose, which soon spread over his whole face. Aside from the pain, Dr. Murray experienced no serious trouble.

AUCTION OFF PETRIFIED MAN

Growsome Patagonian Relic Sold Under Hammer in Paris to Highest Bidder.

Paris.—A petrified man was sold by auction in Paris recently. The man lived some thousands of years ago in Patagonia. He was about six feet five inches in height.

Though he is now a stone statue, the body bears traces of two deep wounds. It is supposed that the man was killed, and that his body was slowly changed to stone by the action of water charged with lime salts.

Test Three-Year-Old Eggs. Triton, N. J.—A test of eggs three years old was made by the state board of health here. If the board survives \$4,000 worth of ancient eggs will be released from cold storage.

WOMAN TOOK FRIEND'S ADVICE

And Found Health in Lydia E. Pinkham's Vegetable Compound.

Windom, Kansas.—"I had a displacement which caused bladder trouble and I was so miserable I didn't know what to do. I suffered from bearing down pains, my eyes hurt me, I was nervous, dizzy and irritable, and had female weakness. I spent money on doctors but got worse all the time."

"A friend told me about the Pinkham remedies and I took Lydia E. Pinkham's Vegetable Compound and was cured. I cannot praise your remedies enough for I know I never would have been well if I had not taken it."—Miss MARY A. HORNER, Route No. 2, Box 41, Windom, Kansas.

Consider Well This Advice.

No woman suffering from any form of female troubles should lose hope until she has given Lydia E. Pinkham's Vegetable Compound a fair trial.

This famous remedy, the medicinal ingredients of which are derived from native roots and herbs, has for nearly forty years proved to be a most valuable tonic and invigorator of the female organism. Women everywhere bear willing testimony to the wonderful virtue of Lydia E. Pinkham's Vegetable Compound.

If you want special advice write to Lydia E. Pinkham Medicine Co. (confidential) Lynn, Mass. Your letter will be opened, read and answered by a woman and held in strict confidence.

STARTED WITH WRONG IDEA

Author Realizes That He Missed Much of Life by Failure to Be His Natural Self.

David Grayson, writing a new Adventure in Contentment in the American Magazine, says:

"It's a great thing to wear shabby clothes and an old hat! Some of the best things I have ever known, like those experiences of the streets, have resulted from coming up to life from underneath; of being taken for less than I am, rather than for more than I am."

"I did not always believe in this doctrine. For many years—the years before I was rightly born into this alluring world—I tried quite the opposite course. I was constantly attempting to come down to life from above. Instead of being content to carry through life a sufficiently wonderful being named David Grayson, I tried desperately to set up and support a sort of dummy creature which so clad, so housed, so fed, should appear to be what I thought David Grayson ought to appear in the eyes of the world. Oh, I spent quite a lifetime trying to satisfy other people!"

ITCHING TERRIBLE ON LIMB

R. F. D. No. 3, Clarkfield, Minn.—"My trouble was of long standing. It started with some small red and yellow spots about the size of a pin head on my leg and every morning there was a dry scale on top covering the affected part and when those scales were falling off the itching was more than I could stand at times. The first year I did not mind it so much as it was only itching very badly at times, but the second year it advanced all around my leg and the itching was terrible. I had to be very careful to have my clothing around the affected part very loose. At night time I often happened to scratch the sore in my sleep. Then I had to stand up, get out of bed and walk the floor till the spell was over."

"I bought lots of salves and tried many different kinds of medicine but without any success. I got a cake of Cuticura Soap and a fifty-cent box of Cuticura Ointment and when I had used them I was nearly over the itching. But I kept on with the Cuticura Soap for six weeks and the cure was complete." (Signed) S. O. Gordon, Nov. 20, 1912.

Cuticura Soap and Ointment sold throughout the world. Sample of each free, with 32-p. Skin Book. Address postcard "Cuticura, Dept. L, Boston."—Adv.

Great Convenience.

"Parcel post is a great thing."

"Yep," asserted the grocer. "You can stick a stamp on a can of corn and send it right out to a farmer."

Judge.

When Love Dawned.

He—Darling, when did you first find out you loved me?

She—When I got annoyed because my friend called you an idiot.—Die Muskete.

Mean Intimation.

"What is this hard, round object which has just rolled to my feet?"

"I don't know whether it's a golf ball or one of my wife's biscuits."—Baltimore American.

Important to Mothers.

Examine carefully every bottle of CASTORIA, a safe and sure remedy for infants and children, and see that it bears the Signature of J. C. FLETCHER.

In Use For Over 30 Years.

Children Cry for Fletcher's Castoria.

Its Success.

"Beauty is only skin deep, after all."

"Yes, but that is deep enough for its little human skin game."

Pride may go before a fall even when a girl falls in love.

PRIZE SERMON WAS DONE FOR

Presence of Policeman Took the Attention of the Congregation From the Words of the Pastor.

On a recent Sunday the pastor of a New York church preached a sermon which he had hoped would be particularly effective. Shortly after launching upon his theme he found that the audience, while not creating any real disturbance, was by no means attentive. All of his hearers kept turning their heads every little while and glancing furtively toward the rear of the church. Finally the pastor cast a penetrating glance of his own into that vague region. He discerned a policeman sitting in a pew near the door. "I knew then," he said, when speaking of the incident afterward, "that the prize sermon was done for, so far as its hold on my congregation was concerned. The policeman had their attention until the end of the service. It is a curious fact that nowhere does a policeman create such a sensation as in a church. He may go into a theater, a lecture room or a political meeting and nobody except the obstreperously inclined pays any attention to him; but just let him step inside a church, and he causes a real commotion. I don't know why. Certainly nobody expects to be arrested during the service."

PITY ALL FOR HIS FRIEND
Kind Man's Own Trouble Lost in Contemplation of Woe in Store for "Old Biggs."

Lady Constance Stewart Richardson, who has come to America to dance because she is, as she puts it, "stony broke," said the other day: "Some of my happiest hours have been passed in America. The Americans are the kindest people in the world. When I think of them, I am reminded of George Grave."

"Everybody has heard stories of the meanest man—well, George Grave was known as the kindest man."

"One of the stories about George's kindness tells how a friend asked him:

"How is Biggs doing?"

"Bad," George replied. "Very bad, indeed. Poor old Biggs!"

"Why, what's the trouble with him?"

"Why, you see," said George, "I've had my salary reduced on account of the hard times, and so I'll only be able to lend Biggs half as much as usual this year for his vacation."

The Best Hot Weather Tonic
GROVE'S TASTELESS CHILL TONIC enriches the blood and builds up the whole system, and it will wonderfully strengthen and fortify you to withstand the depressing effect of the hot summer. 50c.

For Nerves.

A case of "nerves" is like a bad habit, easily acquired and hard to get rid of. Nervousness affects the digestion, dulls the eyes, giving a strained look to the muscles of the face, and, if allowed its course, will even make the hair thin. So the woman who wants to be beautiful must keep an eye on the state of her nerves.

The best cure for nervousness is rest. Resting is an art known to few women.

The only way a woman may repose and relax the body and nerves is by actual will power.

Carrots are prescribed by physicians and beauty doctors alike as a cure for nervous indigestion. You are told to eat them three times a day, either cooked or raw.

Young onions or scallions are excellent eaten with plenty of salt; also lettuce with salt and plenty of olive oil, but no vinegar and red pepper.

Sleeplessness is the greatest menace that tired or overwrought nerves have for beauty and health.

Sleep may be induced by warm milk; sipped slowly, or, if this is ineffective, by long draughts of cool water and a cold bandage around the brow.

Hard Job.

A rural subscriber in central Kansas took his telephone to the central office for repair.

"When you get it fixed call up my residence," he instructed the workman.

"All right," replied the electrician, and the countryman was gone before the situation dawned upon either of them.—Kansas City Star.

Of the Same Mind.

"Young man, I don't ever want to catch you kissing my daughter again."

"I am sure, sir, you could not wish that any more fervently than I do."

The Rehuson.

"The culture would do nicely for a religious man's pet, wouldn't it?"

"Great Scott! Why?"

"Because it is a bird of prey."

Their Fitness.

"Talking about police shoes—"

"What about them?"

"I wonder if they are all copper toes?"

Model Husband.

She—My husband has never spoken a harsh word to me in his life.

He—Too considerate, eh?

She—Oh, no; too cautious.

Explained.

"Why are you in such a hurry for the new currency?"

"The little supply that I had of the old is almost exhausted."

Bringing It to a Head.

Briggs—Now you are splitting hairs. Griggs—No, I am merely stating bald facts.—Boston Transcript.

Cinch.

"What did the old man settle on the young couple?"

"His family."

Honesty, the excuse a lazy man has for being poor, is worn threadbare by now.

Ride a hobby if you will, but remember you are not the only jockey in the race.

Suited to the Case.

"Why does Jobberly call his stout wife his battling?"

"I suppose it is because he induced her to bant."

To Cure Tender and Bleeding Gums. Apply the wonderful old reliable DR. FORTY'S ANTISEPTIC HEALING OIL. 25c, 50c, \$1.00.

Handy Conveniences.

She—Let me drink in the beauty of this starry night!

He—All right; there's both the great and little dippers.

Arnold a Lenient Examiner.

When Matthew Arnold was a school examiner a fellow inspector of a class of girl pupil-teachers asked Arnold to examine for him. Arnold gave each of the young women the "excellent" mark. "But," said the other inspector, "surely they are not all as good as they can be; some must be better than others."

"Perhaps that is so," replied Arnold; "but then, you see, they are all such very nice girls."

Vienna Style Sausage.

Libby's Vienna Sausage.

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